

ABSTRACT

A fraud detection system within a fuel dispenser includes the ability to measure the amount of fuel dispensed through the fuel dispenser. The measurement is compared to a value independently created representing what the amount of fuel dispensed should approximate. If 5 the values are not comparable, an alarm may be generated to indicate that the fuel dispenser has been modified to perpetrate fraud upon the customers. In particular, a reference used in the comparison is created bearing on a flow rate of the fuel being dispensed through the fuel dispenser. The flow rate is derived from a source independent of a pulser within the fuel dispenser providing the needed authenticity.

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